

TXFA333-VT Series



VIBRATION ANALYSIS HARDWARE

Low Cost, Low Frequency & Dual Output, Piezo Velocity & Temperature Triaxial Sensor, Side Exit 6 Pin Connector, 500 mV/in/sec, 10 mV/°C, ±15%



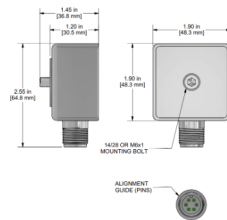
Product Features

500 mV/in/sec (20 mV/mm/sec) Sensitivity
Phase Conforms to Cartesian Coordinate System (Right-Hand Rule)

TXFA333-VT

Side Exit 6 Pin Connector

Connector Pin	Polarity
1 (Axis Y)	(+) Signal/Power
2 (Axis X)	(+) Signal/Power
3 (Axis Z)	(+) Signal/Power
4	(-) Common/Grid
5	(+) Temperature
6	Not Used

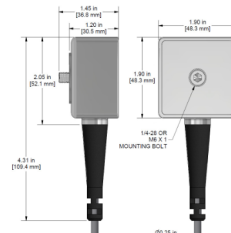


Stock Product

TXFA433-VT

CB123 Integral Cable

Connector Pin	Polarity
1 Red (Axis Y)	(+) Signal/Power
2 Green (Axis X)	(+) Signal/Power
3 White (Axis Z)	(+) Signal/Power
4 Black	(-) Common/Grid
5 Blue	(+) Temperature
6	Not Used

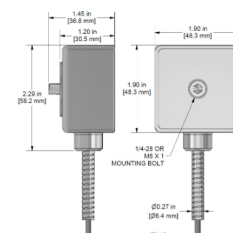


Built To Order

TXFA533-VT

CB629 Armored Integral Cable

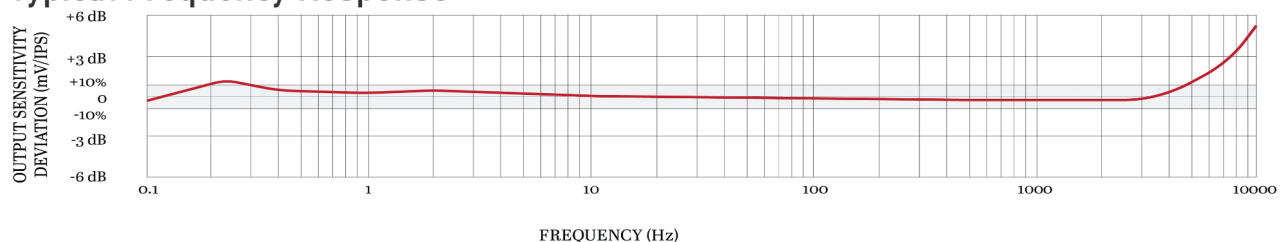
Connector Pin	Polarity
1 Red (Axis Y)	(+) Signal/Power
2 Green (Axis X)	(+) Signal/Power
3 White (Axis Z)	(+) Signal/Power
4 Black	(-) Common/Grid
5 Blue	(+) Temperature
6	Not Used



Built To Order

Specifications	Standard	Metric	Specifications	Standard	Metric
Part Number	TXFA333-VT	M/TXFA333-VT	Environmental		
Sensitivity (±15%)		500 mV/in/sec	Operating Temperature Range	-58 to 250 °F	-50 to 121 °C
Frequency Response (±3dB)	120 to 180,000 CPM	2.0 Hz to 3,000 Hz	Maximum Shock Protection		5,000 g, peak
Dynamic Range		+/-10 in/sec pk *Vsource = 22V, 12Vbias	Electromagnetic Sensitivity		CE
Electrical			Sealing		Welded, Hermetic
Settling Time		<4 Seconds	SIL Rating		SIL 2
Voltage Source (IEPE)		18-30 VDC	Physical		
Constant Current Excitation		2-10 mA	Sensing Element		PZT Ceramic
Spectral Noise @ 10 Hz		200 µ IPS/√Hz	Sensing Structure		Shear Mode
Spectral Noise @ 100 Hz		6 µ IPS/√Hz	Weight	13.4 oz	380 grams
Spectral Noise @ 1000 Hz		0.7 µ IPS/√Hz	Case Material		316L Stainless Steel
Output Impedance		<100 ohm	Mounting Thread		1/4-28
Bias Output Voltage		10-14 VDC	Connector (Non-Integral)		6 Pin
Case Isolation		>10 ⁸ ohm	Resonant Frequency	240,000 CPM CPM	4,000 Hz
			Mounting Torque	2 to 5 ft. lbs	2.7 to 6.8 Nm
			Mounting Hardware Supplied	1/4-28 Captive Bolt	M6x1 Captive Bolt
			Calibration Certificate		CA10

Typical Frequency Response



Backed by our Unconditional Lifetime Warranty & Free Annual Recalibration Service

www.ctconline.com | sales@ctconline.com | 585-924-5900

www.delta3n.hu